

WEST Search History

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DATE: Thursday, January 13, 2005

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DB=PGPB,USPT,EPAB; PLUR=YES; OP=OR

- L19 l17 and l12
- L18 L17 and l11
- L17 l4 and l5
- L16 (l4 and l5)![CCLS]
- L15 (l4 and l5)[CCLS]
- L14 L13 and prodrug
- L13 L12 and l11
- L12 NRH
- L11 NQO2
- L10 l5 and L9
- L9 L8 or l7
- L8 (424/78.14)![CCLS]
- L7 (514/183,485)![CCLS]
- L6 carboxamidomethyl adj dihydronicotinamide
- L5 CB1954 or (CB-1954) or (CB 1954)
- L4 knox.in.
- L3 knox
- L2 burke.in.
- L1 ("4440859"|"4530901"|"4582800"|"4677063"|"4678751"|"4704362"|"4710463"|"4757006"

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 13:58:35 ON 13 JAN 2005)

FILE 'MEDLINE' ENTERED AT 13:58:56 ON 13 JAN 2005

L1 119 S CB1954 OR CB 1954 OR CB-1954
L2 1 S (BURKE) /AU
L3 0 S (KNOX) /AU
L4 47 S CARBOXAMIDOMETHYL
L5 0 S L4 AND L1
L6 158 S NRH OR NQO2
L7 0 S L6 AND L4
L8 0 S L7 AND L1
L9 6 S L6 AND L1

FILE 'PCTFULL' ENTERED AT 14:01:53 ON 13 JAN 2005

L10 87 S CB1954 OR CB 1954 OR CB-1954
L11 162 S CARBOXAMIDOMETHYL
L12 1 S L10 AND L11
L13 384 S NRH OR NQO2
L14 4 S L13 AND L10

FILE 'MEDLINE' ENTERED AT 13:58:56 ON 13 JAN 2005

FILE LAST UPDATED: 12 JAN 2005 (20050112/UP). FILE COVERS 1950 TO DATE.

On December 19, 2004, the 2005 MeSH terms were loaded.

Warning: The search L-number/HUMAN limit is missing from records indexed with the new 2005 MeSH (records added since December 19, 2004). Until this is corrected, include HUMANS/CT and 20041219-20051231/ED in searches to limit results to humans for this time period.

OLD MEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2005 vocabulary. See <http://www.nlm.nih.gov/mesh/> and http://www.nlm.nih.gov/pubs/techbull/nd03/nd03_mesh.html for a description of changes.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s cb1954 or cb 1954 or cb-1954
60 CB1954
5998 CB
1543 CBS
7367 CB
(CB OR CBS)
4061 1954
59 CB 1954
(CB(W) 1954)
5998 CB
1543 CBS
7367 CB
(CB OR CBS)
4061 1954
59 CB-1954
(CB(W) 1954)
119 CB1954 OR CB 1954 OR CB-1954

=> s (burke) /au
L2 1 (BURKE) /AU

=> s (knox) /au
T-3 0 (KNOX) /AU

=> s carboxamidomethyl
I-4 47 CARBOXYAMIDOMETHYL

=> s 14 and 11
I-5 0 I-4 AND I-1

=> s prh or nqo?

I-6 158 NRH
 2 NRHS
139 NRH (NRH OR NRHS)
 39 NQO2
 158 NRH OR NQO2

=> s 16 and 14
L7 0 L6 AND L4

=> s 17 and 11
L8 0 L7 AND L1

=> s 16 and 11
L9 6 L6 AND L1

=> d ibib 1-3

L9 ANSWER 1 OF 6 MEDLINE on STN
ACCESSION NUMBER: 2003467935 MEDLINE
DOCUMENT NUMBER: PubMed ID: 14529407
TITLE: CB 1954: from the Walker tumor to
NQO2 and VDEPT.
AUTHOR: Knox Richard J; Burke Philip J; Chen Shuan; Kerr David J
CORPORATE SOURCE: Enact Pharma PLC, Porton Down Scientific Park, Salisbury,
Wiltshire, UK.. rknox@enactpharma.com
SOURCE: Current pharmaceutical design, (2003) 9 (26) 2091-104.
Ref: 98
Journal code: 9602487. ISSN: 1381-6128.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200402
ENTRY DATE: Entered STN: 20031008
Last Updated on STN: 20040221
Entered Medline: 20040220

L9 ANSWER 2 OF 6 MEDLINE on STN
ACCESSION NUMBER: 2002612877 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12369976
TITLE: Aerobic nitroreduction by flavoproteins: enzyme structure,
mechanisms and role in cancer chemotherapy.
AUTHOR: Skelly J V; Knox R J; Jenkins T C
CORPORATE SOURCE: School of Chemical and Life Sciences, University of
Greenwich, Wellington Street, Woolwich, London, SE18 6PF,
UK.. j.v.skelly@gre.ac.uk
SOURCE: Mini reviews in medicinal chemistry, (2001 Sep) 1 (3)
293-306. Ref: 97
Journal code: 101094212. ISSN: 1389-5575.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200210
ENTRY DATE: Entered STN: 20021010
Last Updated on STN: 20021031
Entered Medline: 20021030

L9 ANSWER 3 OF 6 MEDLINE on STN
ACCESSION NUMBER: 2000410320 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10945627
TITLE: Bioactivation of 5-(aziridin-1-yl)-2,4-dinitrobenzamide (CB 1954) by human NAD(P)H quinone
oxidoreductase 2: a novel co-substrate-mediated antitumor
prodrug therapy.
AUTHOR: Knox R J; Jenkins T C; Hobbs S M; Chen S; Melton R G; Burke

P J
CORPORATE SOURCE: Enact Pharma Plc, Salisbury, United Kingdom..
rknow@enactpharma.com
CONTRACT NUMBER: CA33572 (NCI)
SOURCE: Cancer research, (2000 Aug 1) 60 (15) 4179-86.
Journal code: 2984705R. ISSN: 0008-5472.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200008
ENTRY DATE: Entered STN: 20000907
Last Updated on STN: 20000907
Entered Medline: 20000831

=> d ibib 4-6

L9 ANSWER 4 OF 6 MEDLINE on STN
ACCESSION NUMBER: 1998035822 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9367528
TITLE: Catalytic properties of NAD(P)H:quinone oxidoreductase-2 (NQO2), a dihydronicotinamide riboside dependent oxidoreductase.
AUTHOR: Wu K; Knox R; Sun X Z; Joseph P; Jaiswal A K; Zhang D; Deng P S; Chen S
CORPORATE SOURCE: Division of Immunology, Beckman Research Institute of the City of Hope, Duarte, California 91010, USA.
CONTRACT NUMBER: CA33572 (NCI)
CA44735 (NCI)
ES07943 (NIEHS)
SOURCE: Archives of biochemistry and biophysics, (1997 Nov 15) 347 (2) 221-8.
Journal code: 0372430. ISSN: 0003-9861.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199712
ENTRY DATE: Entered STN: 19980109
Last Updated on STN: 19980109
Entered Medline: 19971215

L9 ANSWER 5 OF 6 MEDLINE on STN
ACCESSION NUMBER: 93080655 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1449531
TITLE: Potentiation of CB 1954 cytotoxicity by reduced pyridine nucleotides in human tumour cells by stimulation of DT diaphorase activity.
AUTHOR: Friedlos F; Biggs P J; Abrahamson J A; Knox R J
CORPORATE SOURCE: Molecular Pharmacology Unit, Institute of Cancer Research, Sutton, Surrey, U.K.
SOURCE: Biochemical pharmacology, (1992 Nov 3) 44 (9) 1739-43.
Journal code: 0101032. ISSN: 0006-2952.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199212
ENTRY DATE: Entered STN: 19930129
Last Updated on STN: 19970203
Entered Medline: 19921230

L9 ANSWER 6 OF 6 MEDLINE on STN

ACCESSION NUMBER: 92378681 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1387314
TITLE: Metabolism of NAD(P)H by blood components. Relevance to bioreductively activated prodrugs in a targeted enzyme therapy system.
AUTHOR: Friedlos F; Knox R J
CORPORATE SOURCE: Molecular Pharmacology Unit, Institute of Cancer Research, Surrey, U.K.
SOURCE: Biochemical pharmacology, (1992 Aug 18) 44 (4) 631-5.
JOURNAL code: 0101032. ISSN: 0006-2952.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199209
ENTRY DATE: Entered STN: 19921009
Last Updated on STN: 19970203
Entered Medline: 19920921

=> d his

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L7 0 S L6 AND L4
L8 0 S L7 AND L1
L9 .6 S L6 AND L1

=> file pctfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.92	3.13

FILE 'PCTFULL' ENTERED AT 14:01:53 ON 13 JAN 2005

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FILE LAST UPDATED: 12 JAN 2005 <20050112/UP>
MOST RECENT UPDATE WEEK: 200501 <200501/EW>
FILE COVERS 1978 TO DATE

>>> As of update 01/2004 the Designated States field (DS) has been enhanced to accommodate additional information provided by WIPO pertaining to application kind for regional and international designated states. Due to the change in DS display format postprocessing the data may be affected but search and SDI procedures will not have to be adjusted.

See HELP CHANGE for further information <<<

>>> IMAGES ARE AVAILABLE ONLINE AND FOR EMAIL-PRINTS <<<

=> s cb1954 or cb 1954 or cb-1954
45 CB1954
15343 CB
3545 CBS
18404 CB
(CB OR CBS)

4851 1954
 50 CB 1954
 (CB(W) 1954)
 15343 CB
 3545 CBS
 18404 CB
 (CB OR CBS)
 4851 1954
 66 CB-1954
 (CB(W) 1954)
L10 87 CB1954 OR CB 1954 OR CB-1954

=> s carboxamidomethyl
L11 162 CARBOXAMIDOMETHYL

=> s l10 and l11
L12 1 L10 AND L11

=> d ibib

L12 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2005 Univentio on STN
 ACCESSION NUMBER: 1998057662 PCTFULL ED 20020514
 TITLE (ENGLISH): THERAPEUTIC SYSTEMS
 TITLE (FRENCH): SYSTEMES THERAPEUTIQUES
 INVENTOR(S): BURKE, Philip, John;
 KNOX, Richard, John
 PATENT ASSIGNEE(S): ENZACTA R & D LIMITED;
 BURKE, Philip, John;
 KNOX, Richard, John
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 9857662	A2	19981223

 DESIGNATED STATES
 W: CA GB JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE
 APPLICATION INFO.: WO 1998-GB1731 A 19980615
 PRIORITY INFO.: GB 1997-9712370.7 19970614

=> s nrh or nqo2
 377 NRH
 5 NRHS
 381 NRH
 (NRH OR NRHS)
 6 NQO2
L13 384 NRH OR NQO2

=> s l13 and l10
L14 4 L13 AND L10

=> d ibib 1-2

L14 ANSWER 1 OF 4 PCTFULL COPYRIGHT 2005 Univentio on STN
 ACCESSION NUMBER: 2000073479 PCTFULL ED 20020515
 TITLE (ENGLISH): A COMBINED GROWTH FACTOR-DELETED AND THYMIDINE
 KINASE-DELETED VACCINIA VIRUS VECTOR
 TITLE (FRENCH): VECTEUR DU VIRUS DE LA VACCINE COMBINANT DELETION DU
 FACTEUR DE CROISSANCE ET DELETION DE THYMIDINE KINASE
 INVENTOR(S): MCCART, J., Andrea;
 BARTLETT, David, L.;
 MOSS, BernardRP : NATAUPSKY, Steven, J.

PATENT ASSIGNEE(S) : THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES;
 MCCART, J., Andrea;
 BARTLETT, David, L.;
 MOSS, Bernard

LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2000073479	A1	20001207

DESIGNATED STATES
 W:
 AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ
 DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
 MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
 TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ
 TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
 ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
 GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2000-US14679 A 20000526
 PRIORITY INFO.: US 1999-60/137,126 19990528

L14 ANSWER 2 OF 4
 ACCESSION NUMBER: PCTFULL COPYRIGHT 2005 Univentio on STN
 2000013683 PCTFULL ED 20020515
 TITLE (ENGLISH) : NOVEL NITROPHENYLAZIRIDINE COMPOUNDS AND THEIR USE AS PRODRUGS
 TITLE (FRENCH) : NOUVEAUX COMPOSES DE NITROPHENYLAZIRIDINE ET LEUR EMPLOI COMME PRODROGUE
 INVENTOR(S) : DENNY, William, Alexander;
 ATWELL, Graham, John;
 PALMER, Brian, Desmond;
 WILSON, William, Robert
 PATENT ASSIGNEE(S) : CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED;
 DENNY, William, Alexander;
 ATWELL, Graham, John;
 PALMER, Brian, Desmond;
 WILSON, William, Robert

LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2000013683	A2	20000316

DESIGNATED STATES
 W:
 AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
 DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
 KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW NO
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
 UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY
 KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE
 IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
 SN TD TG

APPLICATION INFO.: WO 1999-GB2956 A 19990907
 PRIORITY INFO.: GB 1998-9819472.3 19980907

=> d ibib 3-4

L14 ANSWER 3 OF 4
 ACCESSION NUMBER: PCTFULL COPYRIGHT 2005 Univentio on STN
 1998057662 PCTFULL ED 20020514
 TITLE (ENGLISH) : THERAPEUTIC SYSTEMS
 TITLE (FRENCH) : SYSTEMES THERAPEUTIQUES

INVENTOR(S) : BURKE, Philip, John;
 KNOX, Richard, John
 PATENT ASSIGNEE(S) : ENZACTA R & D LIMITED;
 BURKE, Philip, John;
 KNOX, Richard, John
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9857662	A2	19981223

 DESIGNATED STATES
 W: CA GB JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE
 APPLICATION INFO.: WO 1998-GB1731 A 19980615
 PRIORITY INFO.: GB 1997-9712370.7 19970614

 L14 ANSWER 4 OF 4
 ACCESSION NUMBER: PCTFULL COPYRIGHT 2005 Univentio on STN
 1998024478 PCTFULL ED 20020514
 TITLE (ENGLISH): TUMOUR THERAPY
 TITLE (FRENCH): THERAPIE TUMORALE
 INVENTOR(S): BAGSHAWE, Kenneth, Dawson
 PATENT ASSIGNEE(S): AEPACT LIMITED;
 BAGSHAWE, Kenneth, Dawson
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9824478	A2	19980611

 DESIGNATED STATES
 W: CA GB JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE
 APPLICATION INFO.: WO 1997-GB3284 A 19971128
 PRIORITY INFO.: GB 1996-9624993.3 19961130

=> d his